

**DECLARATION AND POWER OF ATTORNEY**  
(Joint Inventors - Foreign)

We, **Ahmed KARMOUCH**, **Tom GRAY**, **Serge MANKOVSKII** and **Cui ZHENG** hereby declare that we are, respectively,

a citizen of **Canada**, residing at **2000 Rolling Brook Drive, Gloucester, Ontario, K2W 1C7**;

**a citizen of Canada, residing at 11 Pineridge Road, RR#3 Carp, Ontario, K0A 1L0;**

a citizen of **Canada**, residing at **3096 Old Almonte Road, Carp, Ontario, K0A 1L0**;and

**a citizen of Canada, residing at c/o Sim & McBurney, 6<sup>th</sup> Floor, 330 University Avenue, Toronto,  
Ontario, Canada, M5G 1R7**

that we have reviewed and understand the content of the specification, including the claims, (Jones, Day, Reavis & Pogue Docket No. 481340010027 )

attached hereto:

and we believe that we are the original, first, and joint inventors of the subject matter which is claimed therein and for which a patent is sought on the invention or discovery entitled

# SECURITY MECHANISMS AND ARCHITECTURE FOR COLLABORATIVE SYSTEMS USING TUPLE SPACE

and that we acknowledge our duty to disclose information of which we are aware which is material to the examination of this application, in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

We hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

### Prior Foreign Application(s)

Priority Date

Priority Claimed

9923544.2  
(Number)

GB  
(Country) (PCT)

05/OCTOBER/1999 Yes (X) No ( )  
(Day/Month/Year)

We hereby designate the following as our mailing address and telephone number:

David B. Cochran  
Jones, Day, Reavis & Pogue  
North Point  
901 Lakeside Avenue  
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and appoint each of the following as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Kenneth R. Adamo, Registration No. 27,299; Barbara Arndt, Registration No. 37,768; David B. Cochran, Registration No. 39,147; Cheryl L. Farine, Registration No. 36,796; Regan J. Fay, F. Drexel Feeling, Registration No. 40,602; Registration No. 26,878; Calvin P. Griffith, Registration No. 34,831; Paul F. Keller, Registration No. 42,713; Timothy J. O'Hearn, Stephen D. Scanlon, Registration No. 32,755; Registration No. 31,552; Duane H. Switzer, Registration No. 22,431; Michael W. Vary, Registration No. 30,811; Jason Vierra-Eisenberg, Registration No. 43,447; and James L. Wamsley, III, Registration No. 31,578;

all having the above designated address.

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date X November 1, 1999

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